

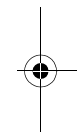
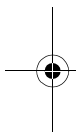


Cat. No. 43-2002
OWNER'S MANUAL

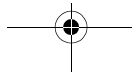
Please read before using this equipment.

Handsfree Headset Amplifier

with PC Switch



RadioShack®



FEATURES

Your RadioShack Handsfree Headset Amplifier frees your hands to do other things while you talk on the telephone. You can also use it with a computer that is equipped with a sound card. The microphone boom is adjustable, so you can wear the headset over either ear.

The headset's control unit connects directly to a standard modular phone jack, and allows you to switch between the phone line and a connected computer.

It also has these features:

Built-in Earpiece and Microphone Output Volume Controls — let you adjust the volume levels you hear through the headset and send through the microphone.

Built-in Tone Control — lets you adjust the tone level you hear through the headset.

Microphone Muting — lets you turn the headset's microphone off to prevent callers from hearing a private conversation.

Adjustable Microphone Boom — lets you wear the microphone on the right or left side.

Quick-Disconnect Plug — lets you disconnect the headset from the phone without disconnecting the call, so you can step away from the phone without removing the headset, then reconnect the headset to return to the conversation.

Mono Earpiece with Soft Foam-Filled Cushion — reduces ambient sound to provide a comfortable listening experience.

Audio Output (AUX) — lets you connect the control unit to an audio recorder.

© 1999 Tandy Corporation.
All Rights Reserved.

RadioShack is a registered trademark used by Tandy Corporation.

Voice Activation (VOX) — lets you set the microphone to activate automatically when it detects a voice.

Adjustable Headband — adjusts to fit almost any head.

Lapel Clip — lets you securely anchor the headset's cord to your clothing to prevent the headset cord from pulling the headset.

4-Foot Cable — lets you move freely without disconnecting the phone. If you need a longer cord, your local RadioShack store has a wide selection of cords.

The Handsfree Headset Amplifier has been tested and found to comply with all applicable ETL and FCC standards.

Your headset is ETL listed to UL standards and meets all applicable FCC standards.

READ THIS BEFORE INSTALLATION

We have designed your control unit to conform to federal regulations, and you can connect it to most telephone lines. It has a ringer equivalence number, or REN, of 0.5B. If you are using more than one phone or other device on the line, add up all the RENs. If the total is more than five, your phones might not ring. In rural areas, a total REN of three might impair ringer operation. If ringer operation is impaired, remove the device from the line.

FCC STATEMENT

This equipment complies with the limits for a Class B digital device as specified in Part 15 of *FCC Rules*. These limits provide reasonable protection against radio and TV interference in a residential area. However, your equipment might cause TV or radio interference even when it is operating properly. To determine whether your phone is causing the interference, turn off your Handsfree Headset Amplifier. If the interference goes away, your phone is causing the interference. To eliminate interference, you can try one or more of the following corrective measures:

- reorient or relocate the receiving antenna
- increase the distance between the equipment and the radio or TV
- use outlets on different electrical circuits for the equipment and the radio or TV
- contacting your local RadioShack store for help

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

If you cannot eliminate the interference, the FCC requires that you stop using your Handsfree Headset Amplifier.

Changes or modifications to this product not expressly approved by RadioShack, or operation of this product in any way other than as detailed by the owner's manual, could void your authority to operate this product.

PREPARATION

INSTALLING/REPLACING BATTERIES

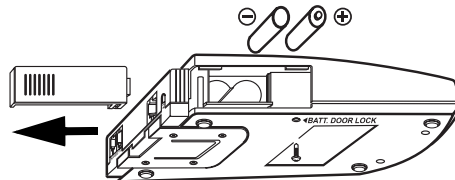
You need two AA batteries (not supplied) to power the Handsfree Headset Amplifier. For the longest operation and best performance, we recommend alkaline batteries, available at your local RadioShack store.

Cautions:

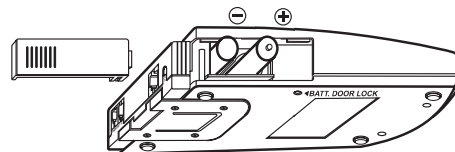
- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries or different types of batteries.
- **Note:** To use battery power, adapter cord should not be connected to the unit even if there is no AC power.

Follow these steps to install batteries.

1. Remove the screw from the bottom of the control unit, then slide off the battery compartment door in the direction of the arrow.



2. Put two AA batteries into the compartment as indicated by the polarity symbols (+ and -) marked inside.



3. Replace the battery compartment door and secure it with the screw.

When the headset's sound weakens or distorts, adjust **EARPIECE VOLUME**. If the sound does not improve, press **MUTE**. If the MUTE indicator does not light (or lights dimly), replace the batteries.

Cautions:

- Always remove old or weak batteries. Batteries can leak chemicals that can destroy electronic parts.
- Dispose of old batteries promptly and properly. Do not burn or bury them.

USING AC POWER

You can power the control unit using a 6-volt, 150-mA AC adapter and a size B Adaptaplug® (neither supplied). Both are available at your local RadioShack store.

Cautions:



You must use a Class 2 power source that supplies a regulated 6 volts DC and delivers at least 150 mA. Its center tip must be set to positive and its plug must fit the control unit's **DC 6V** jack. Using an adapter that does not meet these specifications could damage the control unit or the adapter.

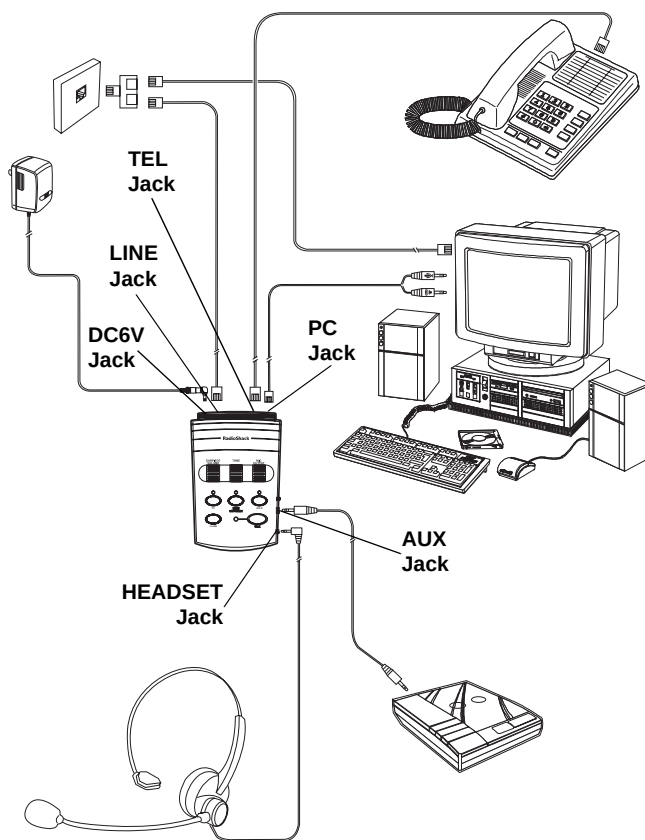
- Always connect the AC adapter to the control unit before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the control unit.

Follow these steps to connect AC power.

1. Attach the Adaptaplug to the AC adapter with its tip set to positive.

2. Set the adapter's voltage switch to 6V.
3. Insert the plug into the **DC 6V** jack on the back of the control unit.
4. Plug the adapter into a standard AC outlet.

MAKING THE CONNECTIONS



1. Unplug the line cord from the telephone and plug it into the **LINE** jack on the back of the control unit.

2. Plug one end of the supplied coiled cord into the **TEL** jack on the back of the unit and the other end into the telephone's base.
3. To connect a computer, plug one end of the supplied PC connecting cable into the **PC** jack on the back of the control unit, and the two ends into the computer's sound card (red microphone pin into microphone jack and black LINE OUT pin into LINE OUT jack).

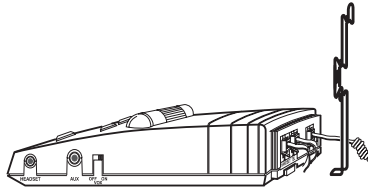
Notes:

- If your sound card does not have a LINE OUT jack, use its SPEAKER jack instead.
 - Use another cable (not supplied) to connect the modular telephone line jack to the computer's modem. You can use a duplex adapter to connect the existing line cord and the modem line to the modular telephone line jack.
 - Only sound from the sound card's LINE OUT (or SPEAKER) jack is amplified (and can be recorded using a connected audio recorder).
4. To connect an audio recorder, plug one end of the supplied audio cord into the **AUX** jack and the other end into the device's input jack.
- Note:** It is illegal in some states to record a conversation without the consent of all parties to the conversation, including the phone company. Check the laws in your area before using the two-way record feature.
5. Plug the headset's cord into the **HEADSET** jack on the right side of the control unit.

ATTACHING THE HEADSET HANGER

The Handsfree Headset Amplifier includes a headset hanger that gives you a convenient place to store the headset when you are not using it.

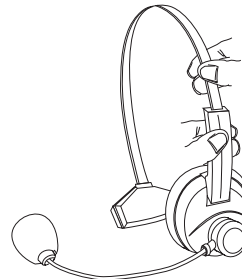
To attach the hanger, make all connections, then push its end into the hole on the back of the control unit until it clicks.



Note: If you try to attach the hanger before all connections are made, the hanger might interfere with plug insertion.

ADJUSTING THE HEADSET

1. Place the headset over your head with the earpiece on either ear.
2. Adjust the headset band until it rests with almost no pressure on your ear and the top of your head. If the headset is loose, remove it and push the band in slightly to tighten it. If it is tight, gently pull the band out to loosen it.



3. Hold the headset in place and adjust the microphone boom until it is even with your chin, with the white dot toward your mouth. Experiment until you find the most comfortable position.

Note: The microphone boom swivels on the headset. Do not bend the microphone boom while you adjust it.



-
4. Attach the lapel clip to your clothing. Leave enough slack in the cord so you can move your head without pulling the headset.

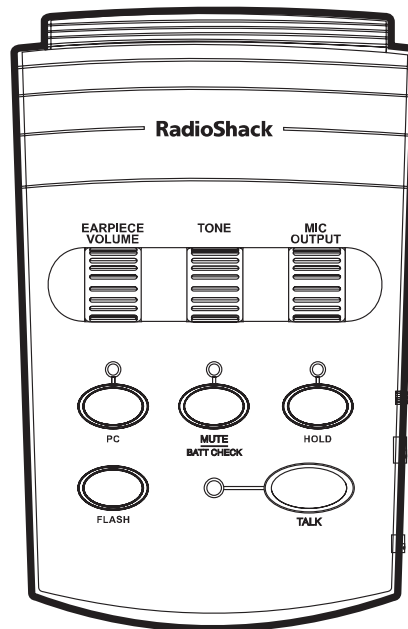
Note: To avoid having to repeat these adjustments, when you are not using the headset, place it on the headset hanger and wind the cable around the hanger.

Listening Safely

To protect your hearing, follow these guidelines when you use the headset.

- Set the volume to the lowest setting before you begin listening. After you begin listening, adjust the volume to a comfortable level.
- Do not listen at extremely high volume levels. Extended high-volume listening can lead to permanent hearing loss.
- Once you set the volume, do not increase it. Over time, your ears adapt to the volume level, so a volume level that does not cause discomfort might still damage your hearing.

OPERATION



1. When there is an incoming call, the TALK indicator flashes. Press **TALK** to answer the call.

To make a call, pick up the handset, dial the phone number, then press **TALK**, and replace the handset.

Note: You can talk or listen using the handset or the headset.

2. Adjust **MIC OUTPUT**, **EARPIECE VOLUME**, and **TONE** as needed.

Note: If you hear a humming sound, move the control unit away from possible interference sources, such as monitors or its AC adapter.

Press **HOLD** to place the caller on hold. To return to the call, press **TALK** or pick up the handset on an extension phone.

Press **MUTE** to mute the microphone if you need to conduct a private conversation. Press **MUTE** again to return to the call.

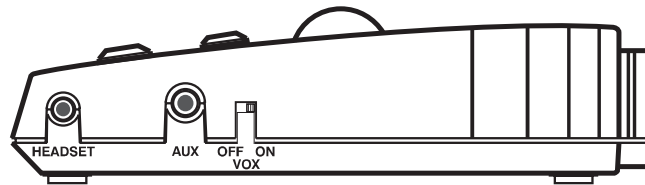
If you have Call Waiting service and you receive an incoming call, press **FLASH** to answer the other call. Press **FLASH** again to return to the first call.

Press **PC** to hear sound or music and transmit your voice to a connected computer's sound card. Press **PC** again to conduct a conversation over the phone line.

To step away from the phone without removing the headset, unplug the headset from the control unit. Reconnect the headset to the control unit to return to the call.

3. When you finish the call, press **TALK** again.

USING VOICE ACTIVATION



Slide **VOX ON/OFF** to turn Voice Activation on or off. With Voice Activation on, the microphone automatically turns on when it detects a voice. If there is no microphone signal for 5 to 9 seconds, the microphone automatically turns off. The line remains connected, and when the user speaks, the microphone automatically turns on again.

TROUBLESHOOTING

We do not expect you to have any problems with your Handsfree Headset Amplifier, but if you do, these guidelines might help.

Problem	Suggestion
Trouble transmitting (caller has trouble hearing you, but receiving is OK).	Make sure the microphone boom is not too far away from your mouth.
	Check the control unit's battery power.
	Make sure the headset's cord is properly connected to the control unit.
Trouble receiving or headset does not work at all.	Make sure the headset's cord is properly connected to the control unit.
	Make sure the headset is properly connected to the phone (see "Making the Connections" on Page 7).
	Check the control unit's battery power.
	Ensure the phone and phone lines are operating correctly.
	Check phone line operation by using another phone on the same phone line.

If you cannot find the problem, take the Handsfree Headset Amplifier to your local RadioShack store for assistance.

CARE AND MAINTENANCE

Your RadioShack Handsfree Headset Amplifier is an example of superior design and craftsmanship. The following suggestions will help you care for your headset and control unit so you can enjoy it for years.



Keep the headset and control unit dry. If it gets wet, wipe it dry immediately. Liquids might contain minerals that can corrode the electronic circuits.



Use and store the headset and control unit only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage batteries, and distort or melt plastic parts.



Keep the headset and control unit away from dust and dirt, which can cause premature wear of parts.



Handle the headset and control unit gently and carefully. Dropping it can damage circuit boards and cases and can cause the headset and control unit to work improperly.



Use only fresh batteries of the required size and recommended type. Batteries can leak chemicals that damage your headset and control unit's electronic parts.



Wipe the headset and control unit with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the headset and control unit.

Modifying or tampering with the headset and control unit's internal components can cause a malfunction and might invalidate its warranty. If your headset and control unit is not performing as it should, take it to your local RadioShack store for assistance.

THE FCC WANTS YOU TO KNOW

In the unlikely event that the Handsfree Headset Amplifier causes problems on the phone line, the phone company can temporarily discontinue your service. If this happens, the phone company attempts to notify you in advance. If advance notice is not practical, the phone company notifies you as soon as possible and advises you of your right to file a complaint with the FCC.

Also, the phone company can make changes to its lines, equipment, operations, or procedures that could affect the operation of this unit. The telephone company notifies you of these changes in advance, so you can take the necessary steps to prevent interruption of your telephone service.

Your telephone headset might cause TV or radio interference even when it is operating properly. To determine whether your telephone headset is causing the interference, disconnect the telephone headset. If the interference goes away, your telephone headset is causing the interference. Try to eliminate the interference by:

- Moving the telephone headset away from the TV or radio
- Contacting your RadioShack store for help

If you cannot eliminate the interference, the FCC requires that you stop using your Handsfree Headset Amplifier.

LIGHTNING

Most telephones have built-in lightning circuits to reduce the risk of damage from surges in telephone line and power line current. However, lightning striking the telephone or power lines can damage your phone and the headset amplifier connected to it. Lightning damage is not common. Nevertheless, if you live in an area that has severe electrical storms, we suggest that you unplug your phone and the telephone headset during storms to reduce the possibility of damage.

Limited One-Year Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for one (1) year from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

We Service What We Sell

04/99

RadioShack
A Division of Tandy Corporation
Fort Worth, Texas 76102

06A99

6621-30253
Printed in Hong Kong